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April 15, 2011

Sean Sheldrake
Project Coordinator
EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: March 2011 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.28

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken between March 1 and March 31, 2011, at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **March 14** – Anchor QEA submitted the *Segment 2 Capture Zone Field Test Report* to EPA and provided EPA with a status update on scheduled field testing of the Segment 2 pilot extraction well variable frequency drive system.
- **March 14 to 31** – Anchor QEA subcontractor R&W Engineering worked on programming of the Segment 2 pilot extraction system programmable logic control (PLC) that will communicate with the well pump variable frequency drive system. Stoner Electric installed the fiber optic cable that will link the PLC to the main computer in the site field office.

- **March 15** – Anchor QEA submitted the monthly progress report to EPA.
- **March 17** – Anchor QEA communicated with EPA to schedule a meeting to discuss the benthic toxicity results obtained during completion of the *Final Project Area Identification Report* (AIR) data gaps sampling and provided EPA with the name and qualifications of two contractors that NW Natural proposed using for the completion of a riverbank topography and in-water bathymetry survey in the project area.
- **March 21** – Anchor QEA submitted a memorandum to EPA summarizing the results of the benthic toxicity testing performed as part of the Final Project AIR data gaps sampling and recommended path forward.
- **March 28** – Anchor QEA submitted the name and qualifications of a contractor that NW Natural proposed using for completion of a utility locate in coordination with the riverbank topography and in-water bathymetry survey in the project area.
- **March 30-31** – Anchor QEA held additional communications with EPA to schedule a meeting to discuss the benthic toxicity results obtained during completion of the Final AIR data gaps sampling.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

We anticipate the following activities to occur in the next month:

- Submittal of the April monthly progress report.
- Field testing of the Segment 2 pilot extraction well variable frequency drive system.
- Meeting with EPA to discuss the proposed path forward for the benthic toxicity results obtained during the data gaps investigation.
- Completion of additional field sampling to retest sediments for midge bioassay testing and co-located chemical analysis.
- Completion of monthly visual monitoring of the pilot cap area.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Assistant Project Manager



Carl Stivers, Partner
Project Manager

Cc:

Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group PC
Tom McCue, Siltronic Corporation
Alan Gladstone and Hanne Eastwood, Davis Rothwell Earle and Xochihua
James Peale, Maul Foster Alongi, Inc.
Lance Peterson, Camp Dresser McKee
Matt McClincy, DEQ
Dana Bayuk, DEQ

Attachments:

Attachment A – Monthly Visual Monitoring Report for Pilot Cap Vicinity



Visual Observations Log Form

Date March 8, 2011 **Project Number:** 000029-02 BG-28 Task 7b

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly(Year 5)—March 2011

Time Observations Started: March 8, 2011 @ 1300 **Time Observation Concluded:** March 8, 2011 @ 1430

Weather Conditions: Partly cloudy, 54 degrees Fahrenheit, winds 3-5 knots from the north

Wave Action Observations: Light wave action (0.1-0.3 feet in height)

Photographs Taken: Yes No

Tidal Conditions: Willamette River level on 03/08/2011 ranged from 6.77 to 7.72 feet. The Willamette River level during photos is approximately 7.01 feet measured at 14:00 (River Level Elevation Datum: Morrison Gage Height)

Observations of Erosion/Deposition: No erosion/deposition is evident along the shoreline. Due to high river water levels, the exposed organoclay mat material observed in preceding events was not visible (Photo 1).

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) The Fuel and Marine Marketing (FAMM) containment boom is positioned across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall). Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys and a general overview of the site shoreline are shown in Photo 2.

Other Comments: No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by: Douglas Laffoon

Photo 1 — *River level currently elevated above the extent of sediment cap (03/08/11):*



Photo 2 — *FAMM oil boom and mariner warning buoys in place across pilot cap area (03/08/11):*



Photo 3 — *Conditions immediately downriver of cap area (03/08/11):*

